

Date: Thursday, 23/04/2009 3:29:17 PM  
 User: Julie Dawson

## Process Sheet

<b>Customer</b> : CU-DAR001 Dart Helicopters Services	<b>Drawing Name</b> : HOSE ASSEMBLY
<b>Job Number</b> : 47419	
<b>Estimate Number</b> : 11184	
<b>P.O. Number</b> :	<b>Part Number</b> : D329710121
<b>This Issue</b> : 23/04/2009 <b>S.O. No.</b> :	<b>Drawing Number</b> : D3297 REV D
<b>Prsht Rev.</b> : NC	<b>Project Number</b> : N/A
<b>First Issue</b> : // <b>Type</b> : PURCHASED PARTS	<b>Drawing Revision</b> : D
<b>Previous Run</b> : 46038	<b>Material</b> :
<b>Written By</b> :	<b>Due Date</b> : 08/05/2009 <b>Qty:</b> 6 <b>Um:</b> Each
<b>Checked &amp; Approved By</b> : <u>JWD 09.04.24</u>	
<b>Comment</b> : Est: A 04.11.25 New issue KJ/RF	

## Additional Product

Job Number:



<b>Seq. #:</b>	<b>Machine Or Operation:</b>	<b>Description :</b>
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1.0	PG	PURCHASING
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**Comment:** PURCHASING D3297-1-021  
 Create D2729-1 label and include with W/O  
 Issue P/O: 8653  
 Hose Assembly as per Dwg D3297  
 Possible Supplier: API  
 Material release note is required

0209/04/27  
 (6)

2.0	1560016D0121	HOSE ASSY
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**Comment:** Qty.: 1.0000 Each(s)/Unit Total : 6.0000 Each(s)  
 HOSE ASSEMBLY

3.0	PACKAGING 1	PACKAGING RESOURCE #1
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**Comment:** PACKAGING RESOURCE #1  
 Recieve & Inspect for Transit Damage  
 Ensure Material Release Note is attached

09/05/15 (6) 76565656

4.0	QC6	DIMENSIONAL CHECK
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**Comment:** DIMENSIONAL CHECK

09/05/15 (6) 76

5.0	SMALL FAB 1	SMALL & MEDIUM FAB RESOURCE 1
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**Comment:** SMALL & MEDIUM FAB RESOURCE 1  
 Install D2729-1 as per Dwg D3297  
 using D2182-045 Heat Shrink  
 Batch: B21824A (1)

09/05/20 (6)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 23/04/2009 3:29:18 PM  
User: Julie Dawson

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: HOSE ASSEMBLY

Job Number: 47419

Part Number: D329710121

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

S 09/05/20 (x6)

7.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock  
Location: 194

9/5/20

(6x)

30

8.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

09/05/20 98

Job Completion



MF 09-05-20

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

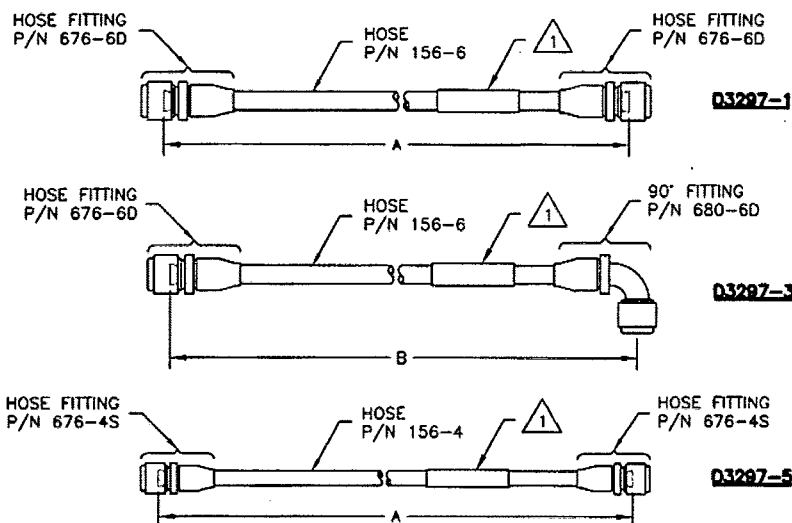
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**DART****RELEASED**  
05.01.21

DESIGN #	DRAWN BY #	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D3297	REV. D SHEET 1 OF 1
DATE 05.01.21		TITLE HOSE ASSEMBLIES	SCALE NTS
A	04.07.06	NEW ISSUE	
B	04.11.01	STRATOFLEX P/N WAS AEROQUIP P/N	
C	04.11.18	T50 CORRECTED TO TSO	
D	05.01.21	CORRECT STRATOFLEX P/N	



HOSE SPECIFICATION				
DART P/N	STRATOFLEX P/N	VENDOR	A	B
D3297-1-0098	156001-6D0096	API	9.75	
D3297-1-0130	156001-6D0130	API	13.00	
D3297-1-0121	156001-6D0121	API	12.13	
D3297-3-0085	156005-6D0085	API		8.50
D3297-3-0210	156005-6D0210	API		21.00
D3297-3-0350	156005-6D0350	API		35.00
D3297-5-0410	156001-4S0410	API	41.00	

D3297-1-XXXX HOSE ASSEMBLY } WHERE XXXX REPRESENTS  
D3297-3-XXXX HOSE ASSEMBLY } HOSE LENGTH IN TENTHS OF INCH  
D3297-5-XXXX HOSE ASSEMBLY }

EG: 12.125" LONG: D3297-1-0121  
41.00" LONG: D3297-5-0410  
8.50" LONG: D3297-3-0085

**NOTES:**

- 1) IDENTIFY WITH DART P/N & B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) HOSE ASSEMBLIES TO MEET THE REQUIREMENTS OF TSO-C53a TYPE "A"

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 47419

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Sales Order# \_\_\_\_\_ PO# 86999

Date 04-27-09

8/15/19

If applicable, satisfactory compliance with the conditions and test required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.

**For API**

Pat Gulebs



API  
2461 46th Ave.  
LACHINE QC H8T 3C9  
CANADA

# Pack List



<b>Shipping Address</b> DART AEROSPACE LTD. 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA	<b>Information</b> <b>Document Number</b> 80577742 <b>Document Date</b> 05/15/2009 <b>Purchase Order No.</b> PO00008653 <b>Purchase Order Date</b> 04/27/2009 <b>Sales Order Number</b> 512562 <b>Sales Order Date</b> 04/27/2009 <b>Customer Number</b> 6100481 <b>Shipping Conditions</b> FXPri 1D (Intl 1-3D) <b>Incoterms</b> <b>Cust Ship Acct</b> <b>Delivery Date</b> 05/19/2009 <b>Bill of Lading</b>
<b>Forwarding Agent's Address</b>	
<b>Shipping Instructions</b> Detailed Shipping Instructions at the end of the document	
<b>Packing Instructions</b> Detailed Packing Instructions at the end of the document	<b>Total Volume</b> 0.030 IN3 <b>Carrier</b> PUROLATOR COURIER

Item	Material	Material Description	Quantity	Weight	Batch Num
10	156001-6D-0121	156-6 HOSE ASSEMBLY	6 EA ✓	0 LB	S 09/05/19
	Batches 0000430258 (PO:4500086999)				
20	156005-6D-0350	156-6 HOSE ASSEMBLY	6 EA ✓	0 LB	
	Batches 0000430261 (PO:4500086999)				
30	156005-6D-0085	156-6 HOSE ASSEMBLY	6 EA ✓	0 LB	
	Batches 0000430259 (PO:4500086999)				
40	156001-6D-0096	156-6 HOSE ASSEMBLY	6 EA ✓	0 LB	
	Batches 0000430257 (PO:4500086999)				
50	156005-6D-0210	156-6 HOSE ASSEMBLY	6 EA ✓	0 LB	
	Batches				

C 09/05/19